

**JACOBS ENGINEERING GROUP INC.**

600 SEVENTEENTH STREET, SUITE 1100N • DENVER, COLORADO 80202
TELEPHONE (303) 595-8855 FAX (303) 595-8857

October 20, 1993

Mr. Bruce Peterman
Rocky Flats Plant - Interlocken
EG&G Rocky Flats, Inc.
P.O. Box 464
Golden, Colorado 80402-0464

Subject: Meeting Notes from Discussion of Comments on Draft Technical Memorandum No. 1, Volume I, Part A - Outside Tanks, Operable Unit 9 Original Process Waste Lines

Ref: (a) Master Task Subcontract No. MTS225449RR; Task Order Contract No. MTS237441GG3

Dear Bruce:

Attached are meeting notes from the discussion with you, Suzanne Berman and Bruce Thatcher regarding Technical Memorandum No. 1 on OU9. I have noted action items that need to be addressed to complete the next version of the document at the end of the notes.

Please do not hesitate to call if you have any questions.

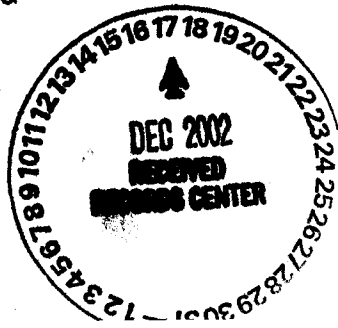
Sincerely,
JACOBS ENGINEERING GROUP INC.

Joyce Miyagishima
OU 9 Project Manager
Denver Operations

Encls: (1) Attachment of Meeting Notes

Distribution:

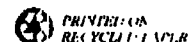
F. Hobbs, Jacobs
D. Beehler, Jacobs
M. Visocky, Jacobs
D. Goeldner, Jacobs
K. Mahanna, Jacobs
J. Miyagishima, Jacobs
B. Peterman, EG&G
S. Berman, EG&G
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IA-A-001187



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JACOBS ENGINEERING GROUP INC.**MEETING NOTES**

Date: October 14, 1993

Purpose of Meeting: Discussion of DOE and EG&G Comments on Technical Memorandum No. 1, Volume 1, Part A, Operable Unit 9, Original Process Waste Lines

Location: Interlocken Offices

Personnel Present: Bruce Peterman, EG&E
Suzanne Berman, EG&E
Bruce Thatcher, DOE
Joyce Miyagishima, Jacobs

Recorded By: Joyce Miyagishima

Suzanne Berman had the following comments.

General Comments

All references to Jacobs and EG&G should be removed. We should use DOE or third party instead.

There appears to be some items missing from Table A in Appendix A. Jacobs should recheck this table.

There is reference to Tank T-16 being located in IHSS 125. This should be rechecked.

Specific Comments

Specific comments were noted in the text of the Technical Memorandum that was given to Joyce Miyagishima.

The following comments were offered by Bruce Thatcher.

General Comments

All figures (sample locations maps) should be drawn to scale. In addition, the HPGe locations need to be shown on a sample location map. This should be consistent with the other OUs. Suzanne Berman would like a summary of the number and types of samples on the figures similar to the figures for the OU12 work plan.

Add in analysis for exotic metals at locations where they may be present.

MEETING NOTES

Active tanks should not be included under OU9 investigations until they become inactive. Bruce Thatcher will confirm that this action is satisfactory before changes are made to the Technical Memorandum.

Need to include sampling into weathered bedrock as in Figure 7-6.

Specific Comments

Page 1, Paragraph 2. Add "CERCLA" before the "RI" in RFI/RI. Add "Colorado Hazardous Waste Act" to the next to the last sentence.

Page 3, Table 1-1. Verify that Tanks T-14 and T-16 are not active RCRA tanks.

Page 9, Section 2.3. Add this language to the last sentence, " and will be included in Technical Memorandum No. 2 documenting the result of Stage 1 activities."

Page 10. Add "surface" before "radiation surveys". Also add "of surficial materials" at the end of the same sentence.

Page 11. Entry into confined space will need to be added as a supplement to the Health and Safety Plan. Confined space entry should include the latest OSHA requirements.

Page 16. Take out the surface soil sample at T-1. This sample would be in fill dirt.

Page 16. Need to submit a letter to the Agencies to get their concurrence on the use of the alpha spectrum analysis. This can be submitted with Technical Memorandum No. 1.

Page 19. Add PCBs to the analyte list.

Page 21. EG&G's Environmental Restoration Management (ERM) should be the lead on the closure of Tank T-7.

Page 22. If the tanks are active we shouldn't conduct sampling until they are no longer in use. Bruce Thatcher will confirm this strategy.

Page 24. Add PCBs to the analyte list.

Page 27. Specify whether one residue sample will be collected from each tank or one residue sample will be collected from both tanks.

Page 30. According to a letter dated 17 September from D. Norbury (CDH), these tanks (T-11 and T-30) are not RCRA units. If this is an active tank we should delay the investigation until it is no longer used.

Page 32. Will the overhead lines in the figure pose any problems with the drilling rig?

Page 33. These tanks (T-14 and T-16) are not RCRA-permitted or interim status tanks. The status of these tanks will need to be determined for the Technical Memorandum. Also use the term "down-slope" instead of "down-gradient".

Page 36. Show the locations of the HPGe survey.

MEETING NOTES

Page 39. Move the borehole located in the far north side closer to the other tank location.

Page 40. State that the concrete was chipped instead of appeared to be chipped.

Page 40. Consider adding soil sampling and asphalt and concrete sampling.

Page 41. Check the status of these tanks (T-24 and T-32). If they are active we should delay the investigation until it is no longer used.

Page 47. Add in SOP GT.27 for use of the GPS with the HPGe. There may also be other SOPs that we need to add such as, GT.30 and SOPs for HPGe and NaI surveys.

Page 51. Add PCBs, pesticides, herbicides, and exotic metals to the analyte list. Also add to Tables 5-1 and 5-2.

Make sure that the new standards for confined space entry are used in the Integrated Field Sampling Plan, and that the new standards are used in Appendix C of the Integrated Field Sampling Plan.

Bruce Thatcher would like EG&G to contact the Handford and Mound facilities for information on how they approached their OPWL investigations.

Jacobs received a copy of the D. Norbury letter and was also given copies of DOE Order 5480 and the OSHA requirements for confined space entry.

Action Items Needed to Complete the Next Version of Technical Memorandum No. 1:

Suzanne Berman will meet with the Quality Improvement Team on tanks to discuss status of OU9 tanks in question. Suzanne will also review memoranda to send to Plant personnel to request information on Plant tanks to supplement the Technical Memorandum and the site walks for "inside" tanks.

Bruce Thatcher will confirm that OU9 will not investigate tanks that are currently active

Bruce Peterman and Suzanne Berman will give direction on the placement of HPGe locations.

EG&G will prepare a letter for Agency concurrence on the alpha spectrum analysis.

Joyce Miyagishima will contact K. W. Tichnor on information of the RCRA tanks.

Debbie Goeldner will prepare sample location figures to scale, separate figures will be prepared to show HPGe survey locations.

Joyce Miyagishima will begin addressing these comments and incorporate information from the above action items as they are resolved.